

RESOURCE SETTING: Great Plains, 10-17" Pptn; MLRA's 58A, 58B, 60, 67; Loamy site; 3-15% slopes; Ownership mainly private, some state.

CURRENT SITUATION: Year-long grazing w/hay at calving or in bad weather; Cow/calf & antelope; Limited surface water; Fair & poor range condition dominated by blue grama sod; Wildlife habitat rating < .4; No known local unique cultural values; Operator goals include sustained resources while improving quality & diversity of forage species.

PROBLEM IDENT: Excessive soil erosion especially from concentrated water flow; Extreme amount of runoff; Poor grazing & water distribution; Inadequate forage quality & quantity; No winter shelter for livestock.

RESOURCE PROBLEMS/ASPECTS												
RESOURCE MANAGEMENT SYSTEMS OPTIONS		SOIL EROSION	SOIL EROSION	SOIL EROSION	WATER QUALITY	WATER QUALITY	PLANTS SUIT.	PLANTS CONDIT.	PLANTS CONDIT.	ANIMAL HABITAT	ANIMAL HABITAT	ANIMAL HABITAT
(Code)	Practices	Sheet & Rill	Gully	Wind	Water Mgt. Infil- tration	(Surface) Sediment	Suit. for Intended Use	Prod. - Kind,Amt. Distrib.	Health & Vigor	Food	Cover or Shelter	Quan./Qual. Drinking Water
(528)	Proper Grazing Use	+2	+2C	+2	+2	+2	+2	+2	+2	+2	+2	0
(548)	Gr. Land Mech. Treatment	+1	+1	+1	+3	+2	0	+3	+3	+2	+3G	0
(642)	Well	+1A	+1A	+1A	+1A	+1A	NA	+1A	+1A	+1A	+1A	+3
(614)	Trough or Tank	+1A	+1A	+1A	+1A	+1A	NA	+1A	+1A	+1A	+1A	+3
(380)	Farm. & Feed Windbreak	NA	NA	0	0	NA	0	0	0	0 to +2	+3	NA
(645)	Wild. Up. Hab. Mgt.	0	0	0	0	+1	+1	+1	+1	+3	+3	0
(382)	Fencing (Grazing Sys.)	A	A	A	A	A	A	A	A	A	A	A
(516)	Pipeline	+1A	+1A	+1A	+1A	+1A	NA	+1A	+1A	+1A	+1A	+3
(556)	Planned Gr. System	+3	+3C	+3	+3	+3	+2	+3	+2	+2	+2	+1

+ = positive effect, - = negative effect; 1 = slight effect, 2 = moderate effect, 3 = significant effect; NA = Not Applicable.

A = depends on practice facilitated, B = short term, C = depends on salt & mineral placement, D = positive effect from using our Stds. & Specs.,

E = positive avoidance of chemicals, F = may be negative depending on wildlife species, G = positive nesting & hiding cover for birds

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(Code)	Practices	Sheet & Rill	Gully	Wind	Water Mgt. Infil- tration	(Surface) Sediment	Suit. for Intended Use	Prod. - Kind,Amt. Distrib.	Health & Vigor	Food	Cover or Shelter	Quan./Qual. Drinking Water
RMS No. 1												
(528)	Proper Grazing Use	+2	+2C	+2	+2	+2	+2	+2	+2	+2	+2	0
(548)	Gr. Land Mech. Treatment	+1	+1	+1	+3	+2	0	+3	+3	+2	+3G	0
(642)	Well	+1A	+1A	+1A	+1A	+1A	NA	+1A	+1A	+1A	+1A	+3
(614)	Trough or Tank	+1A	+1A	+1A	+1A	+1A	NA	+1A	+1A	+1A	+1A	+3
(380)	Farm. & Feed Windbreak	NA	NA	0	0	NA	0	0	0	0 to +2	+3	NA
(645)	Wild. Up. Hab. Mgt.	0	0	0	0	+1	+1	+1	+1	+3	+3	0
RMS No. 2												
(380)	Farm & Feed. Windbreak	NA	NA	0	0	NA	0	0	0	0 to +2	+3	NA
(382)	Fencing (Grazing Sys.)	A	A	A	A	A	A	A	A	A	A	A
(548)	Gr. Land Mech. Treatment	+1	+1	+1	+3	+2	0	+3	+3	+2	+3G	0
(516)	Pipeline	+1A	+1A	+1A	+1A	+1A	NA	+1A	+1A	+1A	+1A	+3
(556)	Planned Gr. System	+3	+3C	+3	+3	+3	+2	+3	+2	+2	+2	+1
(528)	Proper Grazing Use	+2	+2C	+2	+2	+2	+2	+2	+2	+2	+2	0
(614)	Trough or Tank	+1A	+1A	+1A	+1A	+1A	NA	+1A	+1A	+1A	+1A	+3
(642)	Well	+1A	+1A	+1A	+1A	+1A	NA	+1A	+1A	+1A	+1A	+3
(645)	Wild. Up. Hab. Mgt.	0	0	0	0	+1	+1	+1	+1	+3	+3	0

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